### **Appendix II**

### **FEMA's Fire Hazard Severity Forms**

The Federal Emergency Management Agency has developed a number of guides and procedures to assist communities, counties, and states with assessing risk for a variety of natural hazards, including wildfire. One approach that FEMA recommends is to assess communities using a variety of standardized evaluation criteria. The forms on the following pages detail the assessments completed for a variety of communities within Elmore County using these standardized forms and their criteria.

The first evaluation completed for these communities is the **Fire Hazard Severity** determination. This form uses a variety of criteria in order to make a categorical ranking for each community. The Fire Hazard Severity Table (below) determines fire hazard severity based on the standard FEMA uses to compare (for example) Elmore County, Idaho, with another county in Idaho, or any other state. Communities may have more than one classification depending on the degrees of the slope and fuel models. For example, if someone were to observe an average of five critical fire weather days per year in a given area, observe heavy fuel, and less than 40° slopes, then that community is in a high fire hazard area. If the average number of days of critical fire weather per year increases above eight, that community would be in an extreme fire hazard area. The table is subjective, but allows comparisons between communities.

#### Fire Hazard Severity

Critical Fire Weather Frequency										
	< 1 Day/Year			2 to 7 Days/Year			> 8 Days/Year			
		Slope (%	)	Slope (%)				Slope (%)		
Fuel Classification	< 40	41-60	> 61	< 40	41-60	> 61	< 40	41-60	> 61	
Light Fuel	М	М	М	М	М	М	М	М	Н	
Medium Fuel	М	М	Н	Н	Н	Н	Е	Е	E	
Heavy Fuel	Н	Н	Н	Н	Е	E	E	Е	Е	

Source: Urban Wildland Interface Code: 2000

M = Moderate hazard H = High hazard E = Extreme hazard

(from FEMA's "Understanding Your Risks; identifying hazards and estimating losses", August 2001, FEMA 386-2) State and local mitigation planning how-to-guide.)

Critical Fire Weather Frequency (CFWF) is not recorded by agencies operating in the state of Idaho. Red Flag Warnings posted by the US Forest Service and other agencies is roughly analogous to the CFWF but not identical. Daily readings from weather service stations was accessed to determine a county wide ranking of "> 8 days per year" average. In any given year, the actual number of days observed may be more or less.

Slope was determined from an interactive GIS layer by creating a polygon around a community representing the area that most likely encompasses the immediate threat area to the community from a wildfire. The average slope for that polygon was calculated along with statistics on this

average. Using recommendations from FEMA publications, the steepest 75% of the region was used to represent the slope impact on wildfires. For this reason, the category for slope will generally appear to be steeper than observations on the ground might otherwise indicate.

Fuel classification was determined from the Fire Prone Landscapes assessment described in the Plan. This assessment created data ranked from 0 (low) to 100 (high). As was done with the slope calculation, fire prone landscapes scores were averaged for the impact area and statistics were determined for the amount of variation. The highest 95% of values were used to calculate the impact of fuels on wildland fires around communities. Resulting values were divided by 10 to create a scale from 1 to 10 for this analysis. These values (0-10) were used in combination with the ground cover (rangeland or forestland) to assign light, medium, and high categories. Light fuels were assigned to rangeland areas regardless of the Fire Prone Landscape rating. Medium fuels were forestland cover types with a Fire Prone Landscapes ranking from 0 to 5, with Heavy fuels assigned to forestlands with a score of 6 and higher.

A final classification was selected based on this information with the lowest category on the form Moderate, then to High and finally Extreme. The FEMA forms do not have a category for Low. This score was then reported on the header of the Wildfire Hazard Rating Form.

The **Wildfire Hazard Rating Form** differs from the **Fire Hazard Severity** form in that the latter describes the environmental factors potentially affecting a community or subdivision, while the former describes actual factors leading to the ability of residents and emergency service personnel to respond to the event of a wildfire. The Wildfire Hazard Rating Form is competed using subjective observations of a community. These ratings will change over time and should be updated as needed to better reflect changes in each community.

## Atlanta

	FFN	Δ's Fire I	lazard Se	verity Crite	ria					
				e Weather		V				
	< 1 Day/Yea			o 7 Days/Ye			8 Days/Yea	ır		
	Slope %			Slope %		Slope %				
Fuel Classification	<40% 41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%		
Light Fuel		M	M	M	M	M	M	Н		
Medium Fuel		Н	H	Н	Н	E	E	Е		
Heavy Fuel		Н	Н	Е	Е	Е	Е	Е		
M = Moderate Hazard, H = High Hazard, E = Extreme Hazard										
Source: Urban Wildland I	Interface Code: 2000									
	This Community:		Atla	nta						
	CFW Frequency:									
	Slopes:		<4	0%						
	FPL Score:	3	Cat:	Mediur	m Fuel					
	Landcover:		Fores	stland						
Fire	Prone Landscape Res	sults			Slope An	alysis (%)				
	Min	20.5			Min		0.0			
	Average	39.0			Average	13	3.7			
	Max	7.8			Max	12	23.6			
	STD	28.3			STD	1:	3.8			
	Upper 95% CI	2.8		Upp	oer 75% CI	31	6.6			
	Score	3			Category	<4	10%			
		·				•				
		Fire Haza	ard Severi	ty Rating						
		FEMA Ha	azard Ratin	g System						
ĺ		$\rightarrow$	F	←						





ant	LII C IVIII	ugation Fian	
Name of Community: Atla	anta	Date:	30-Aug-03
Landcover: Forestland		Number of Structures:	
WUI Condition: Interface Condition	_	Number of Structures.	102
		Badandal Fina Hannad Consultan Education III	
Overall Wildfire Hazard Rating		Potential Fire Hazard Severity: Extreme Ha	
		of forest lands which burn with a high frequency an	d
place the residents at risk to loss from wildfi	ire. Community defen	sible space and improvements of the access	
would serve to improve this communty's con	idition.	Evaluator: Schi	losser
	Points		Points
A. Community Design		C. Topography	
Ingress / Egress     Three or more primary roads1		1. Predominant Slope ≤ 8%1	
Two or more primary roads2	2	> 8% ≤ 20%4	
One Road3		> 20% ≤ 30%7	
One-way-in, one-way-out5		> 30%10	10
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	3
20 feet or less3		Class B Rated3 Class C Rated5	3
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1			
Road grade 5% or more3	3	E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	
		Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with outside turning radius of 45 feet		Water Source within 20 minutes or less, round trip5	5
or greater1		Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3		E Eviation Duilding Construction Ma	
Dead-end roads greater		F. Existing Building Construction Ma	teriais
than 200 feet long5	5	Non-combustible siding/deck1 Non-combustible siding	
5. Average lot size		BUT a combustable deck5	
10 acres or larger1		Combustible siding and deck10	10
≥ 1 acre, < 10 acres3	3		
≤ 1 acre5		G. Utilities	
6. Street Signs		All underground utilities1 One underground, one above ground3	
Signs with names and numbers1	1	All above ground5	5
Signs with names present2			
No Street Signs5		H. Fire Protection Services	
		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	
1 - 10 scale 1-10	3		
2. Defensible Space		Total Score For Community	55
70% or more of site1		Total ocolo For Community	00
≥ 30%, ≤ 70%3	3	Rating Scale Moderate Hazard	45-65
≤ 30% of site5		High Hazard	66-79
		Extreme Hazard	80+

### Featherville

		FEN	MA's Fire H	lazard Se	verity Crite	ria				
			C	ritical Fir	e Weather	Frequenc	у			
	<	1 Day/Yea	r	2 t	o 7 Days/Ye	ear	>	8 Days/Yea	ır	
		Slope %			Slope %		Slope %			
Fuel Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	М	М	М	М	M	Н	
Medium Fuel		M	Н	Н	H	Н	E	E	E	
Heavy Fuel		Н	Н	Н	E	E	Е	E	Е	
M = Moderate Hazard, H = High Hazard, E = Extreme Hazard										
Source: Urban Wildland Interface Code: 2000										
	This Co	mmunity:		Feath	erville					
	CFW Fi	CFW Frequency: >8 Days/Year								
		Slopes: >61%								
	F	PL Score:	3	Cat:	Mediur	n Fuel				
	Li	andcover:		Fores	stland					
Fire	Prone Lan	dscape Re	sults			Slope An	alysis (%)			
		Min	0.0			Min	0	1.0		
		Average	23.8			Average	28	3.1		
		Max	39.0			Max	14	0.2		
		STD	6.4			STD	27	7.6		
	Upp	oer 95% CI	30.2		Upp	er 75% CI		4.1		
		Score	3			Category	>6	1%		
	_									
			Fire Haza	ard Severi	ty Rating					
			<b>FEMA</b> Ha	zard Ratin	g System					
			$\rightarrow$	E	←					





Name of Community: Feath	erville	Date:	30-Aug-03
Landcover: Forestland		Number of Structures:	125
WUI Condition: Interface Condition			
Overall Wildfire Hazard Rating	g: Moderate Hazard	Potential Fire Hazard Severity: Extreme Ha	azard
Comments: Located in the botto	m of a river valley ma	ny of the fuels are thick, but have a higher live pla	ant
moisture longer into the year. Abundant res	idential and recreation	nal uses in this area increase the potential for hu	man
caused ignitions. Past home defensible spa	ice projects should be	continued. Evaluator: Sch	hlosser
	Points		Points
A. Community Design		C. Topography	
1. Ingress / Egress		1. Predominant Slope	
Three or more primary roads1	1	≤ 8%1	
Two or more primary roads2		> 8% ≤ 20%4	
One Road3		> 20% ≤ 30%7	7
One-way-in, one-way-out5		> 30%10	
2 Models of Drivers and		D. Roofing Material	
2. Width of Primary roads	4	•	
20 feet or more1 20 feet or less3	1	Class A Rated1 Class B Rated3	3
20 feet of fess3		Class C Rated5	
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1	1	· ·	
Road grade 5% or more3		E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	
•		Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	_
outside turning radius of 45 feet		less, round trip5 Water source farther than 20	5
or greater1 Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3	3		
Dead-end roads greater		F. Existing Building Construction Ma	aterials
than 200 feet long5		Non-combustible siding/deck1	
· ·		Non-combustible siding	
<ol><li>Average lot size</li></ol>		BUT a combustable deck5	
10 acres or larger1		Combustible siding and deck10	10
≥ 1 acre, < 10 acres3	3	C. I. Intiliation	
≤ 1 acre5		G. Utilities	
6. Street Signs		All underground utilities1 One underground, one above ground3	
Signs with names and numbers1	1	All above ground5	5
Signs with names present2	<u> </u>	r iii aboro grounao	
No Street Signs5		H. Fire Protection Services	
<b>g</b>		Good Rural Department Coverage1	
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	10
1 - 10 scale 1-10	3	· -	
2. Defensible Space		Total Score For Community	56
70% or more of site1		[B. J. B. J.	45.55
≥ 30%, ≤ 70%3	3	Rating Scale Moderate Hazard	
≤ 30% of site5		High Hazard Extreme Hazard	

# Glenns Ferry

	FEMA's Fire Hazard Severity Criteria										
			C	ritical Fir	e Weather	Frequenc	у				
	< 1	Day/Yea	r	2 t	o 7 Days/Ye	ear	>	8 Days/Yea	ır		
		lope %			Slope %		Slope %				
Fuel Classification		41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%		
Light Fuel		М	M	М	М	М	М	M	Н		
Medium Fuel		M	Н	Н	H	H	E	E	E		
Heavy Fuel		Н	Н	Н	E	E	Е	E	Е		
	M = Moderate Hazard, H = High Hazard, E = Extreme Hazard										
Source: Urban Wildland I	Source: Urban Wildland Interface Code: 2000										
	This Com	munity:		Glenn	s Ferry						
	CFW Fre	quency:		>8 Day	/s/Year						
		Slopes: <40%									
	FPL	Score:	5	Cat:	Light	Fuel					
	Lan	dcover:		Rang	eland						
Fire	Prone Lands	cape Res	sults			Slope An	alysis (%)				
		Min	4.0			Min		1.0			
		Average	32.2			Average	10	0.4			
		Max	54.0			Max	19	6.3			
		STD	14.9			STD	10	2.9			
	Upper	r 95% CI	47.1		Upp	er 75% CI	32	2.0			
		Score	5			Category	<4	0%			
			Fire Haza	ard Severi	ty Rating						
			FEMA Ha	zard Ratin	g System						
			$\rightarrow$	M	←						





Name of Community: Glenns	Ferry	Date	: 30-Aug-03
Landcover: Rangeland		Number of Structures	: 1250
WUI Condition: Interface Condition	_		
Overall Wildfire Hazard Rating	: Low Hazard	Potential Fire Hazard Severity: Moderate	Hazard
		ty this community has excellent fire protection,	
		ater supplies for use in the case of a fire. The rai	Il-line
and some local activities pose a potential pro	oblem for ignitions.	Evaluator: Sc	hlosser
	Points		Points
A. Community Design		C. Topography	
1. Ingress / Egress		1. Predominant Slope	
Three or more primary roads1	1	≤ 8%1	1
Two or more primary roads2		> 8% ≤ 20%4 > 20% < 20%4	
One Road3		> 20% ≤ 30%7 > 30%10	
One-way-in, one-way-out5		> 30 %10	
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	
20 feet or less3		Class B Rated3	3
		Class C Rated5	-
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1	1	-	
Road grade 5% or more3		E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	1
,,eaa 9,,aaa ,		Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	
outside turning radius of 45 feet		less, round trip5	
or greater1	1	Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3		·	
Dead-end roads greater		F. Existing Building Construction M	aterials
than 200 feet long5		Non-combustible siding/deck1	
		Non-combustible siding	
5. Average lot size		BUT a combustable deck5	5
10 acres or larger1		Combustible siding and deck10	
≥ 1 acre, < 10 acres3		-	
≤ 1 acre5	5	G. Utilities	
		All underground utilities1	
6. Street Signs		One underground, one above ground3	3
Signs with names and numbers1	1	All above ground5	
Signs with names present2			
No Street Signs5		H. Fire Protection Services	
		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	
1 - 10 scale 1-10	5		
0.04 31 0		Tatal Casas Far Campunity	20
2. Defensible Space		Total Score For Community	32
70% or more of site1		D. d. Cools Madamata Harani	15 CF
≥ 30%, ≤ 70%3 ≤ 30% of site5	3	Rating Scale Moderate Hazard	
≥ 30% of site5		High Hazard Extreme Hazard	
		LAUGIII6 Hazard	3 00-

### Chattin Flats

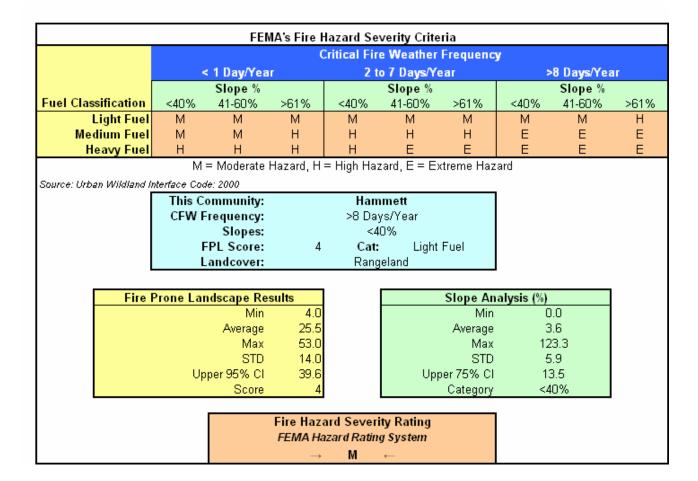
FEMA's Fire Hazard Severity Criteria										
					e Weather		у			
	< '	1 Day/Yea	r	2 t	o 7 Days/Ye	ar	>8 Days/Year			
		Slope %			Slope %			Slope %		
Fuel Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	M	М	M	M	M	Н	
Medium Fuel		M	Н	Н	Н	Н	E	E	E	
Heavy Fuel		Н	Н	Н	Е	Е	Е	Е	Е	
M = Moderate Hazard, H = High Hazard, E = Extreme Hazard										
Source: Urban Wildland Interface Code: 2000										
	This Cor	nmunity:		Chatti	n Flats					
	CFW Fre	equency:								
		CFW Frequency: >8 Days/Year Slopes: <40%								
	FP	L Score:	3	Cat:	Light	Fuel				
	La	ndcover:		Rang	eland					
Fire	Prone Land	scape Re	sults			Slope An	alysis (%)			
		Min	4.0			Min		1.0		
		Average	21.4			Average	3	1.5		
		Max	53.0			Max	13	9.0		
		STD	12.0			STD	7	'.O		
	Uppe	er 95% CI	33.4		Upp	er 75% CI	18	5.3		
		Score	3			Category	<4	.0%		
		<u> </u>				·				
			Fire Haza	ard Sever	ity Rating					
			<b>FEMA</b> Ha	zard Ratin	g System					
			$\rightarrow$	M	←					





100		Fire Mit	tigation Plan			
Name of Community:	Chattiı	n Flats		D	ate:	30-Aug-03
Landcover:	Rangeland		-	Number of Structu	res:	115
_	Interface Condition	_				
	lfire Hazard Rating		Potential Fire Haza	rd Severity: Modera	ate Haz	zard
			nunity has excellent acc			
protection. There are few				0001	-	
h.a.a.		man - p		Evaluator:	Schlo	1929r
		Points		Lvaraus		Points
A. Community Des	sign		C. Topography			
1. Ingress / Egress			1. Predominant Slope			
Three or more prim		1	·	≤ 8%1	_	1
Two or more prim	nary roads2			> 8% ≤ 20%4		
	One Road3		>	> 20% ≤ 30%7		
	ne-way-out5			> 30%10	_	
THE STATE OF THE S			D. Derefine Materi	_1		
2. Width of Primary ro			D. Roofing Materia			
	et or more1	1		lass A Rated1	_	
20 fe	eet or less3			lass B Rated3	_	3
				lass C Rated5	_	
3. Accessibility			Non-Rated Roo	ofing material10	_	
Road grade 5	5% or less1	1				
Road grade 59	% or more3		E. Fire Protection			
_	% or more5			within 1,000'1		
-			Hydrant farther t		_	
4. Secondary Road Te	erminus		•	draft site2	_	2
Loop roads, cul-de-	-sacs with		Water Source within 2	20 minutes or	-	
outside turning radius				ss, round trip5	_	
-	or greater1		Water source fa		_	
Cul-de-sac turnarou	•		minutes, but less than			
is less th	an 45 feet2	2	Water source fa		_	
Dead-end roads 2				tes round trip10		
	s in length3				_	
Dead-end road	ŭ		F. Existing Buildir	na Construction	Mat	erials
	D feet long5			e siding/deck1	111100	oriaio
Illan 200	Jileet long5			e siding/decki ustible siding	_	
5. Average lot size				ustable deck5		5
_	s or larger1			ling and deck10	_	
	< 10 acres3	3	OUTIDGStible Sig	illy allu ucok	_	
= 1 40.5,	≤ 1 acre5		G. Utilities			
	≥ 1 acreo			round utilities 1		
C Street Signe			One underground, one	round utilities1	_	
6. Street Signs Signs with names and	deumboro 1	1		above ground5	_	5
•		1	OII 6	above ground5	_	J
Signs with name			II Cira Bratastian	Camilaga		
140 911	reet Signs5		H. Fire Protection			1
D. Manadatian			Good Rural Departm	-	_	1
B. Vegetation			Limited Rural Departme		_	
1. Fire Prone Landsca			No Rural Departm	ent Coverage10	_	
1 -	- 10 scale 1-10	3				
2. Deferrable Onese			Tatal Saara Ear C			30
2. Defensible Space			Total Score For C	ommunity		30
	ore of site1	1				
	1%,≤70%3		Rating Scale	Moderate Ha:		45-65
≤ 31	0% of site5			High Ha:		66-79 9∩±
				Hytromo Ho:	TORN	8014

#### Hammett







		1 11 0 11111	igation i lan		
Name of Community:	Hami	mett		Dat	e: 30-Aug-03
Landcover:	Rangeland	_		Number of Structure	s:575
WUI Condition: Inte	rface Condition				
Overall Wildfire	Hazard Rating	: Low Hazard	Potential Fire Haza	rd Severity: Moderate	Hazard
Comments: An a	gricultural area,	this rangeland comm	nunity has excellent acc	ess, water supplies, ar	nd fire
protection. There are few cor	_				
		·	·	Evaluator: S	chlosser
		Points			Points
A. Community Design	1		C. Topography		
1. Ingress / Egress			1. Predominant Slope		
Three or more primary		1		≤ 8%1	
Two or more primary i	roads2 Road3			> 8% ≤ 20%4 > 20% ≤ 30%7	4
One-way-in, one-wa			ĺ	> 20% = 30%7 > 30%10	
One-way-iii, one-wa	1y-0415			2 30 7010	
2. Width of Primary roads			D. Roofing Materi	al	
	more1	1	-	lass A Rated1	
20 feet o	r less3			lass B Rated3	3
				lass C Rated5	
3. Accessibility			Non-Rated Roo	ofing material10	
Road grade 5% o		1	E. Fire Protection	Water Course	
Road grade 5% or					
Road grade 10% or	more5		Hydrant farther t	within 1,000'1	1
4. Secondary Road Termin	าแร		riyuranı ianıncı i	draft site2	
Loop roads, cul-de-sacs			Water Source within 2		
outside turning radius of 4			le:	ss, round trip5	
-	reater1		Water source fa		
Cul-de-sac turnaround r			minutes, but less than		
is less than 4		2	Water source fa		
Dead-end roads 200 fo	eet or length3		minui	tes round trip10	
Dead-end roads gr	-		F. Existing Buildin	na Construction N	Materials .
than 200 feet				e siding/deck1	natoriais
111411 200 100	t long			ustible siding	
5. Average lot size				ustable deck5	5
10 acres or			Combustible sid	ing and deck10	
≥ 1 acre, < 10 :		3			
≤ 1	l acre5		G. Utilities	1 1991	
6. Street Signs			All undergr One underground, one	round utilities1	
Signs with names and nun	mhers 1	1		above ground5 above ground5	5
Signs with names pr		<u> </u>		accio giocaliae	
- · · · · · · · · · · · · · · · · · · ·	Signs5		H. Fire Protection	Services	
	· ·		Good Rural Departm	ent Coverage1	1
B. Vegetation			Limited Rural Departm	ent Coverage5	
1. Fire Prone Landscape R			No Rural Departm	ent Coverage10	
1 - 10	scale 1-10	4			
2.5 ( 31.5			Tatal Cassa Fast C		25
2. Defensible Space	of cito 4		Total Score For C	onmunity	35
70% or more o	of site1 470%3	3	Rating Scale	Moderate Haza	rd 45-65
	of site5		ruaniy Scale	High Haza	
_ 5570 0				Extreme Haza	

# King Hill

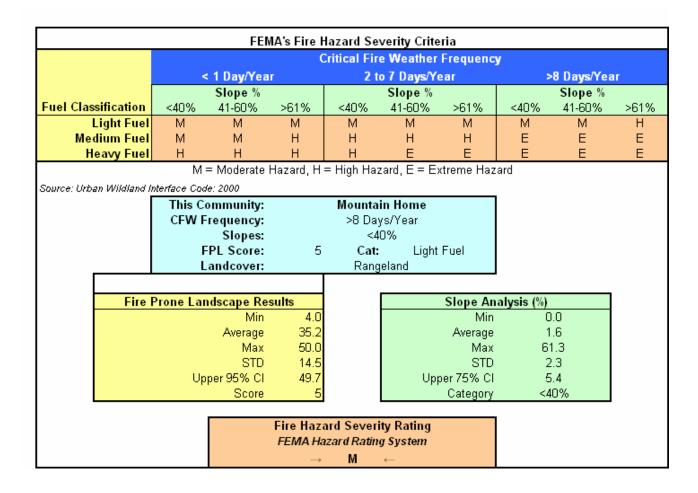
		FEM	IA's Fire I	lazard Se	verity Crite	ria				
			(	critical Fire	e Weather	Frequenc	у			
	<	1 Day/Yea	r	2 t	o 7 Days/Ye	ear	>8 Days/Year			
		Slope %			Slope %		Slope %			
Fuel Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	M	М	M	M	M	Н	
Medium Fuel		M	Н	Н	Н	Н	E	Е	Е	
Heavy Fuel		Н	Н	Н	Е	Е	Е	Е	Е	
M = Moderate Hazard, H = High Hazard, E = Extreme Hazard										
Source: Urban Wildland Interface Code: 2000										
	This Co	mmunity:		King	ı Hill					
		requency:			/s/Year					
		Slopes:		<4	0%					
	F	PL Score:	3	Cat:	Light	Fuel				
	L	andcover:		Rang	eland					
Fire	Prone Lar	dscape Res	sults			Slope An	alysis (%)			
		Min	4.0			Min		).0		
		Average	21.2			Average	6	6.8		
		Max	54.0			Max	9.	4.8		
		STD	11.0			STD	9	3.4		
	Up	per 95% CI	32.2		Upp	oer 75% CI	2:	2.4		
		Score	3			Category	<4	10%		
			Fire Haza	ard Severi	ty Rating					
			FEMA Ha	zard Ratin	g System					
			$\rightarrow$	М	←					





Landcover:   Rangeland   Wull Condition:   Interface Condition	Name of Community:	King	ı Hill		Date: 30-Aug-03
WUI Condition: Interface Condition           Overall Wildfire Hazard Rating: Low Hazard         Potential Fire Hazard Severity: Moderate Hazard           Comments: An agricultural area, this rangeland community has excellent access, water supplies, and fire protection. The biggest threat comes from the surrounding rangelands where fuels can accumulate and winds can blow potential fires in many directions. Superior access, water sources, and fire protection.         Evaluator:         Schlooser           A. Community Design         1. Predominant Slope         Points         Schlooser           A. Community Design         1. Predominant Slope         \$8%1         \$8%	Landcover:	Rangeland		Number of Struct	tures: 180
Overall Wildfire Hazard Rating: Low Hazard         Potential Fire Hazard Severity: Moderate Hazard           Comments: An agricultural area, this rangeland community has excellent access, water supplies, and fire protection. The biggest threat comes from the surrounding rangelands where fuels can accumulate and winds can blow potential fires in many directions. Superior access, water sources, and fire protection.         Evaluator: Schlosser           A. Community Design         Points         C. Topography         1           1. Ingress / Egress         1         1         Two or more primary roads	_		_		
Comments: An agricultural area, this rangeland community has excellent access, water supplies, and fire protection. The biggest threat comes from the surrounding rangelands where fuels can accumulate and winds can blow potential fires in many directions. Superior access, water sources, and fire protection.			: Low Hazard	Potential Fire Hazard Severity: Mode	erate Hazard
Points					
Points	_				
A. Community Design         C. Topography           1. Ingress / Egress         Three or more primary roads         2           One Road         3         58% ≤ 20%         4         4           One Road         3         >3         >3         > 30%	potential fires in many d	irections. Superior a	ccess, water source:	s, and fire protection. Evaluator:	Schlosser
1. Ingress / Egress Three or more primary roads		·	Points	· · · · · · · · · · · · · · · · · · ·	Points
Three or more primary roads	A. Community Des	sign		C. Topography	
Non-common primary roads				·	
One Road         .3         > 20% ≤ 30% 7         > 30% 10           2. Width of Primary roads         1         Class B Rated 1         1         Class B Rated 1         1         1         Class B Rated 1         2         3         4         2         2         4         2         2         2         4         2         2         2         2         2         2         2         2         2         2         2         2			1		
Discrete Signs   Dis					
2. Width of Primary roads					
20 feet or more	One-way-in, on	ie-way-out5		> 30%11	J
20 feet or more	2 Width of Primary ro	ande		D. Roofing Material	
Class B Rated	•		4	_	
Class C Rated			<u>'</u>		- 3
Non-Rated Roofing material10   Road grade 5% or less1   1   Road grade 5% or more3   2   Road grade 5% or more	2010	561 01 16335			
Road grade 5% or less	3. Accessibility				
Road grade 5% or more		5% or less1	1	,	
Road grade 10% or more				E. Fire Protection - Water Source	e
A. Secondary Road Terminus	_			500 GPM Hydrant within 1,000'1	
4. Secondary Road Terminus         draft site	1,040 8,400 10				
outside turning radius of 45 feet or greater	4. Secondary Road Te	erminus			2
Or greater         Water source farther than 20 minutes, but less than 45 minutes         Water source farther than 20 minutes, but less than 45 minutes         Author source farther than 45 minutes and now that 5 minutes and now tips         Author source farther than 45 minutes and now tips         Author source farther than 45 minutes and now tips         Author source farther than 45 minutes and now tips         Author source farther than 45 minutes and now tips         Author source farther than 45 minutes and now tips         Author source farther than 45 minutes and now tips and deck				Water Source within 20 minutes or	
Cul-de-sac turnaround radius is less than 45 feet	outside turning radius	of 45 feet		less, round trip5	
Sead-end roads 200 feet or less in length3   Dead-end roads 200 feet or less in length3   Dead-end roads greater   Than 200 feet long5   Non-combustible siding Construction Materials					
Dead-end roads 200 feet or less in length3   Dead-end roads greater than 200 feet long5   Non-combustible siding/deck1   Non-combustible siding   BUT a combustable deck5   5   Combustible siding and deck10   2   1 acre5   G. Utilities   All underground utilities1   One underground, one above ground3   Signs with names present2   No Street Signs5   H. Fire Protection Services   Good Rural Department Coverage5   No Rural Department Coverage5   No Rural Department Coverage1   1 Limited Rural Department Coverage10   3   2   Defensible Space   Total Score For Community   35   Rating Scale   Moderate Hazard   45-65   45-65   No Rural Department Loverage1   45-65   No Rural Department Loverage					
less in length3   Dead-end roads greater   than 200 feet long5   Non-combustible siding/deck1   Non-combustible siding   BUT a combustable deck5   5			2		
Dead-end roads greater than 200 feet long				minutes round trip10	)
than 200 feet long       5       Non-combustible siding/deck       1         5. Average lot size       BUT a combustable deck       5       5         10 acres or larger       1       Combustible siding and deck       10         ≥ 1 acre       5       Combustible siding and deck       10         ≥ 1 acre       5       Combustible siding and deck       10         ≥ 1 acre       5       All underground utilities       1         6. Street Signs       1       All underground utilities       1         Signs with names and numbers       1       1       All above ground       5       5         Signs with names present       2       1       All above ground       5       5       5         No Street Signs       5       H. Fire Protection Services       Good Rural Department Coverage       1       1       1         B. Vegetation       1. Fire Prone Landscape Rating       No Rural Department Coverage       5       5         1. Fire Prone Landscape Rating       No Rural Department Coverage       10       1         2. Defensible Space       Total Score For Community       35         70% or more of site       1       3       Rating Scale       Moderate Hazard       45-65 <td></td> <td>•</td> <td></td> <td>E Estation Building Construction</td> <td></td>		•		E Estation Building Construction	
Non-combustible siding   BUT a combustable deck		-			n Materiais
5. Average lot size       BUT a combustable deck	than 200	J feet long5			
10 acres or larger1 ≥ 1 acre, < 10 acres3 3 ≤ 1 acre5  6. Street Signs Signs with names and numbers1 Signs with names present2 No Street Signs5  H. Fire Protection Services Good Rural Department Coverage1 1 Limited Rural Department Coverage5 No Rural Department Coverage5 No Rural Department Coverage1 1 Limited Rural Department Coverage5 No Rural Department Coverage5 No Rural Department Coverage10  2. Defensible Space 70% or more of site1 ≥ 30%, ≤ 70%3  3 Rating Scale  Moderate Hazard 45-65	Г О lak aina			-	_
≥ 1 acre, < 10 acres3   3   ≤ 1 acre5   G. Utilities   All underground utilities1   One underground, one above ground3   All above ground5   5   Signs with names and numbers1   1   All above ground5   5   Signs with names present2   No Street Signs5   H. Fire Protection Services   Good Rural Department Coverage1   1   1   Limited Rural Department Coverage1   1   1   1   1   1   1   1   1		o or lorger 1			
Signs with names and numbers1 1			3	Combostible slding and deck It	·
All underground utilities1  6. Street Signs Signs with names and numbers1 Signs with names present2 No Street Signs5  No Street Signs5  H. Fire Protection Services Good Rural Department Coverage1 1 Limited Rural Department Coverage5 No Rural Department Coverage5 No Rural Department Coverage10  2. Defensible Space 70% or more of site1 ≥ 30%, ≤ 70%3  All underground utilities1 One underground, one above ground3  H. Fire Protection Services Good Rural Department Coverage1 1 Limited Rural Department Coverage10  3  Total Score For Community 35  Rating Scale Moderate Hazard 45-65	= 1 4010,			G Utilities	
6. Street Signs       One underground, one above ground3         Signs with names and numbers1       1         Signs with names present2       H. Fire Protection Services         No Street Signs5       Good Rural Department Coverage1       1         B. Vegetation       Limited Rural Department Coverage5       No Rural Department Coverage10         1. Fire Prone Landscape Rating 1 - 10 scale1-10       3         2. Defensible Space 70% or more of site1       Total Score For Community       35         Rating Scale       Moderate Hazard       45-65		= 1 doi:5			
Signs with names and numbers	6. Street Signs				
Signs with names present		d numbers1	1		
Good Rural Department Coverage1   1	Signs with name	es present2		-	
B. Vegetation       Limited Rural Department Coverage5         1. Fire Prone Landscape Rating       No Rural Department Coverage10         2. Defensible Space       Total Score For Community       35         70% or more of site1       ≥ 30%, ≤ 70%3       3       Rating Scale       Moderate Hazard       45-65	No St	reet Signs5		H. Fire Protection Services	
1. Fire Prone Landscape Rating				Good Rural Department Coverage1	1
1 - 10 scale 1-10	B. Vegetation			Limited Rural Department Coverage5	
2. Defensible Space   70% or more of site1  ≥ 30%, ≤ 70%3     Contact Score For Community   35				No Rural Department Coverage10	J
70% or more of site1 ≥ 30%, ≤ 70%3	1	- 10 scale 1-10	3		
70% or more of site1 ≥ 30%, ≤ 70%3					
≥ 30%, ≤ 70%3 Rating Scale Moderate Hazard 45-65				lotal Score For Community	35
				la e e e e e e e e e e e e e e e e e e e	1 45.05
≥ 50 % of Site5 I migh Hazard bb-/9			3		
Extreme Hazard 80+	ک ≥	0 % UI SILE5			

#### Mountain Home







Name of Community: Mountain Home Date: 30-Aug-03 Landcover: Rangeland Number of Structures: 6200 WUI Condition: Interface Condition Overall Wildfire Hazard Rating: Low Hazard Potential Fire Hazard Severity: Moderate Hazard Comments: As the urban hub of Elmore County the wildland fire risks within the city are not critical. The interface nature of the wildland fire risks brings the highest risk factors to the structures on the out-skirts of the community. Range fires have a potential to impact the perimeter, but preparation in the city is excellent. Evaluator: Points Points A. Community Design C. Topography 1. Ingress / Egress 1. Predominant Slope Three or more primary roads .....1 ≤8% .....1  $> 8\% \le 20\% \dots 4$ Two or more primary roads .....2 One Road .....3 > 20% ≤ 30% .....7 One-way-in, one-way-out .....5 > 30% .....10 2. Width of Primary roads D. Roofing Material 20 feet or more .....1 Class A Rated .....1 Class B Rated .....3 20 feet or less .....3 Class C Rated .....5 3. Accessibility Non-Rated Roofing material .....10 Road grade 5% or less .....1 Road grade 5% or more .....3 E. Fire Protection - Water Source Road grade 10% or more .....5 500 GPM Hydrant within 1,000' .....1 Hydrant farther than 1,000' or 4. Secondary Road Terminus draft site .....2 Loop roads, cul-de-sacs with Water Source within 20 minutes or outside turning radius of 45 feet less, round trip .....5 Water source farther than 20 or greater .....1 Cul-de-sac turnaround radius minutes, but less than 45 minutes .....7 is less than 45 feet .....2 Water source farther than 45 Dead-end roads 200 feet or minutes round trip .....10 less in length .....3 Dead-end roads greater F. Existing Building Construction Materials than 200 feet long .....5 Non-combustible siding/deck .....1 Non-combustible siding 5. Average lot size BUT a combustable deck .....5 10 acres or larger .....1 Combustible siding and deck .....10 ≥ 1 acre, < 10 acres .....3 ≤ 1 acre .....5 G. Utilities All underground utilities .....1 6. Street Signs One underground, one above ground .....3 5 Signs with names and numbers .....1 All above ground .....5 Signs with names present .....2 H. Fire Protection Services No Street Signs .....5 Good Rural Department Coverage .....1 B. Vegetation Limited Rural Department Coverage .....5 No Rural Department Coverage .....10 1. Fire Prone Landscape Rating 1 - 10 scale ..... 1-10 5 32 2. Defensible Space Total Score For Community 70% or more of site .....1 ≥ 30%, ≤ 70% .....3 Rating Scale Moderate Hazard 45-65 ≤ 30% of site .....5 High Hazard 66-79 Extreme Hazard 80+

## Oasis

FEMA's Fire Hazard Severity Criteria										
Critical Fire Weather Frequency										
	<	1 Day/Yea	r	2 t	o 7 Days/Ye	ar	>8 Days/Year			
		Slope %		Slope %						
Fuel Classification		41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	M	М	M	M	M	Н	
Medium Fuel		M	Н	Н	Н	Н	E	Е	Е	
Heavy Fuel		Н	Н	Н	Е	Е	Е	Е	Е	
	M :	= Moderate I	Hazard, H	= High Haz	ard, E = Ex	treme Haz	ard			
Source: Urban Wildland I	Interface Cod	e: 2000								
	This Co	mmunity:		0a	sis		]			
	CFW F	requency:		>8 Day	/s/Year					
		Slopes:		<4	0%					
	F	PL Score:	5	Cat:	Light	Fuel				
	L	andcover:		Rang	eland					
Fire	Prone Lan	dscape Res	sults			Slope An	alysis (%)			
		Min	6.0			Min		).0		
		Average	45.0			Average	3	3.0		
		Max	51.0			Max	4	7.0		
		STD	5.5			STD	3	3.0		
Upper 95% CI 50			50.5		Upp	er 75% CI	8	3.1		
		Score	5			Category	<4	10%		
	Fire Hazard Severity Rating									
		FEMA Hazard Rating System								
			$\rightarrow$	M	←					





Name of Community:	Oa	sis	D:	ate: 30-Aug-03
Landcover:	Rangeland		Number of Structu	res: 100
-	Interface Condition	_		
	dfire Hazard Rating	: Moderate Hazard	Potential Fire Hazard Severity: Modera	ate Hazard
			g highly variable concentrations of rangeland	
with mixed ownerships.	The juxtaposition to	Interstate 84 means	that human caused igni <u>tions, coupled with o</u>	ften high winds
can flame wildfires rapid	dly into the homes. F	ire mitigation in the a	rea is needed. Evaluator:	Schlosser
		Points		Points
A. Community De:	sign		C. Topography	
1. Ingress / Egress			1. Predominant Slope	_
Three or more prin		1	≤8%1	1
Two or more prin			> 8% ≤ 20%4	
	One Road3		> 20% ≤ 30%7	
∪ne-way-in, or	ne-way-out5		> 30%10	-
2. Width of Primary ro	nade		D. Roofing Material	
· · · · · · · · · · · · · · · · · · ·	et or more1	4	Class A Rated1	
	eet or less3	1	Class B Rated3	3
20 1	661 01 16555		Class C Rated5	
3. Accessibility			Non-Rated Roofing material10	
	5% or less1	1	,	
	% or more3		E. Fire Protection - Water Source	
•	% or more5		500 GPM Hydrant within 1,000'1	
11040 91400 10			Hydrant farther than 1,000' or	
4. Secondary Road To	erminus		draft site2	
Loop roads, cul-de			Water Source within 20 minutes or	
outside turning radius			less, round trip5	
	or greater1		Water source farther than 20	
Cul-de-sac turnaro			minutes, but less than 45 minutes7	7
	nan 45 feet2	2	Water source farther than 45	
Dead-end roads 2			minutes round trip10	
	s in length3			
Dead-end roa	ads greater		F. Existing Building Construction	Materials
than 20	O feet long5		Non-combustible siding/deck1	
			Non-combustible siding	_
5. Average lot size			BUT a combustable deck5	5
	es or larger1	3	Combustible siding and deck10	
≥ racre, ·	< 10 acres3 ≤ 1 acre5		G. Utilities	
	≥ I acreo		All underground utilities1	
6. Street Signs			One underground, one above ground3	
Signs with names an	d numbers 1	1	All above ground5	- 5
	es present2	<u>-</u>	de o to grounde	
=	reet Signs5		H. Fire Protection Services	
,,,,			Good Rural Department Coverage1	
B. Vegetation			Limited Rural Department Coverage5	5
1. Fire Prone Landsca	ane Rating		No Rural Department Coverage10	
	- 10 scale 1-10	5	The Marai Bepartment described	-
2. Defensible Space			Total Score For Community	45
70% or m	nore of site1			
	0%,≤70%3		Rating Scale Moderate Haz	
≤ 3	30% of site5	5	High Ha:	
			Extreme Ha:	zard 80+

## Pine

FEMA's Fire Hazard Severity Criteria											
	Critical Fire Weather Frequency										
	<	1 Day/Yea	r	2 to 7 Days/Year			>	>8 Days/Year			
		Slope %		Slope %							
Fuel Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%		
Light Fuel		М	M	M	М	M	M	M	Н		
Medium Fuel		М	Н	Н	Н	Н	E	E	E		
Heavy Fuel		Н	Н	Н	E	Е	Е	Е	Е		
	M :	= Moderate	Hazard, H	= High Haz	zard, E = Ex	treme Haz	ard				
Source: Urban Wildland I	nterface Cod	e: 2000									
	This Co	mmunity:		Pi	ne						
	CFW F	requency:		>8 Day	ys/Year						
		Slopes:		>6	1%						
	F	PL Score:	3	Cat:	Mediun	n Fuel					
	L	andcover:		Fores	stland						
Fire	Prone Lan	dscape Re	sults			Slope An	alysis (%)				
		Min	0.0			Min		).0			
		Average	26.8			Average	44	4.3			
		Max	39.0			Max	18	88.6			
		STD	7.3			STD	24	4.0			
Upper 95% CI 34.1				Upp	er 75% CI	84	4.4				
		Score	3			Category	>6	61%			
			Fire Haza	ard Severi	ty Rating						
			FEMA Ha	azard Ratin	g System						
			$\rightarrow$	Е	←						





		<u> </u>	
Name of Community: P	ine	Date:	30-Aug-03
Landcover: Forestland		Number of Structures:	258
WUI Condition: Interface Condition	1		
Overall Wildfire Hazard Ratin	g: Moderate Hazard	Potential Fire Hazard Severity: Extreme Ha	zard
Comments: With most of the st	ructures located in the	valley bottom, Pine is surrounded with a mix of	rangeland
and forestland vegetation, steep slopes, an	d somewhat limited ac	ccess options. The high amount of recreational us	se this area
supports, with the residentual population pu			losser
	Points		Points
A. Community Design		C. Topography	
1. Ingress / Egress		Predominant Slope	
Three or more primary roads1		≤ 8%1	
Two or more primary roads2 One Road3	2	> 8% ≤ 20%4 > 20% ≤ 30%7	7
One Road5 One-way-in, one-way-out5		> 20% \square 30%7 > 30%10	
One-way-iii, one-way-outo		2 30 %10	
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	
20 feet or less3		Class B Rated3	3
		Class C Rated5	
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1		E Eine Brotzstien Water Course	
Road grade 5% or more3	3	E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1 Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	
outside turning radius of 45 feet		less, round trip5	5
or greater1		Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3		F. Existing Building Construction Ma	teriale
Dead-end roads greater than 200 feet long5	5	Non-combustible siding/deck1	1 1
than 200 leet long5		Non-combustible siding	
5. Average lot size		BUT a combustable deck5	
10 acres or larger1		Combustible siding and deck10	
≥ 1 acre, < 10 acres3	3		
≤ 1 acre5		G. Utilities	
6. Street Signs		All underground utilities1	
Signs with names and numbers1	1	One underground, one above ground3  All above ground5	5
Signs with names present2	<del></del>	i iii aboro groundo	
No Street Signs5		H. Fire Protection Services	
ŭ		Good Rural Department Coverage1	
B. Vegetation		Limited Rural Department Coverage5	
<ol> <li>Fire Prone Landscape Rating</li> </ol>		No Rural Department Coverage10	10
1 - 10 scale 1-10	3		
2. Defensible Space		Total Score For Community	54
70% or more of site1			
≥ 30%, ≤ 70%3		Rating Scale Moderate Hazard	45-65
≤ 30% of site5	5	High Hazard	66-79
		Extreme Hazard	80+

### **Prairie**

FEMA's Fire Hazard Severity Criteria										
Critical Fire Weather Frequency										
	< 1	Day/Yea	r	2 t	o 7 Days/Ye	ar	>8 Days/Year			
		Slope %		Slope %						
Fuel Classification		41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	M	M	M	M	M	Н	
Medium Fuel	M	M	Н	Н	Н	Н	E	E	Е	
Heavy Fuel	Н	Н	Н	Н	Е	Е	Е	Е	Е	
	M = 1	Moderate I	Hazard, H	= High Haz	ard, E = Ex	treme Haz	ard			
Source: Urban Wildland I	Interface Code:	2000								
	This Con	nmunity:		Pra	irie		]			
	CFW Fre	quency:		>8 Day	/s/Year					
		Slopes:		<4	0%					
	FPI	L Score:	3	Cat:	Mediun	n Fuel				
	Laı	ndcover:		Fores	stland					
Fire	Prone Lands	scape Res	sults			Slope An	alysis (%)			
		Min	0.0			Min		0.0		
		Average	20.6			Average	5	5.5		
		Max	61.0			Max	73	2.2		
		STD	9.1			STD	7	7.8		
Upper 95% CI 29.			29.7		Upp	er 75% CI	18	B.5		
		Score	3.0			Category	<4	10%		
Fire Hazard Severity Rating										
		FEMA Hazard Rating System								
			$\rightarrow$	E	←					





Name of Community: Prairie Date: 30-Aug-03 Landcover: Forestland Number of Structures: 132 WUI Condition: Interface Condition Overall Wildfire Hazard Rating: Moderate Hazard Potential Fire Hazard Severity: Extreme Hazard Comments: This community is located at the juncture of rangeland and forestland fuels where fire behavior can be quite extreme. Past large fire events have threatned this community. Structures would benefit from home and community defensible spaces. Recommend the creation of a Rural Fire District for this area. Evaluator: Points Points A. Community Design C. Topography 1. Ingress / Egress 1. Predominant Slope ≤ 8% .....1 Three or more primary roads .....1 > 8% ≤ 20% .....4 Two or more primary roads .....2 > 20% ≤ 30% .....7 One Road .....3 One-way-in, one-way-out .....5 > 30% .....10 2. Width of Primary roads D. Roofing Material 20 feet or more .....1 Class A Rated .....1 20 feet or less .....3 Class B Rated .....3 Class C Rated .....5 3. Accessibility Non-Rated Roofing material .....10 Road grade 5% or less .....1 Road grade 5% or more .....3 E. Fire Protection - Water Source Road grade 10% or more .....5 500 GPM Hydrant within 1,000' .....1 Hydrant farther than 1,000' or 4. Secondary Road Terminus draft site .....2 Loop roads, cul-de-sacs with Water Source within 20 minutes or outside turning radius of 45 feet less, round trip .....5 Water source farther than 20 or greater .....1 minutes, but less than 45 minutes .....7 Cul-de-sac turnaround radius 7 is less than 45 feet .....2 Water source farther than 45 Dead-end roads 200 feet or minutes round trip .....10 less in length .....3 Dead-end roads greater F. Existing Building Construction Materials than 200 feet long .....5 Non-combustible siding/deck .....1 Non-combustible siding 5. Average lot size BUT a combustable deck .....5 10 acres or larger .....1 Combustible siding and deck .....10 ≥ 1 acre, < 10 acres .....3 G. Utilities ≤ 1 acre .....5 All underground utilities .....1 6. Street Signs One underground, one above ground .....3 5 Signs with names and numbers .....1 All above ground .....5 Signs with names present .....2 H. Fire Protection Services No Street Signs .....5 Good Rural Department Coverage .....1 B. Vegetation Limited Rural Department Coverage .....5 10 No Rural Department Coverage .....10 1. Fire Prone Landscape Rating 1 - 10 scale ..... 1-10 3 55 2. Defensible Space Total Score For Community 70% or more of site .....1 ≥ 30%, ≤ 70% .....3 Rating Scale Moderate Hazard 45-65 ≤ 30% of site .....5 High Hazard 66-79 Extreme Hazard 80+

Elmore County, Idaho, All Hazards Mitigation Plan Appendix

# Tipanuk

FEMA's Fire Hazard Severity Criteria										
Critical Fire Weather Frequency										
	< 1 Day/Year			2 to 7 Days/Year			>	ır		
F 101 10 4		Slope %		Slope %						
Fuel Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	M	M	M	M	M	H	
Medium Fuel	М	М	Н	Н	Н	Н	E	E	Е	
Heavy Fuel	Н	Н	Н	Н	Е	Е	Е	Е	Е	
	M =	Moderate	Hazard, H	= High Haz	zard, E = Ex	treme Haz	ard			
Source: Urban Wildland II	nterface Code	: 2000								
	This Co	mmunity:		Tipa	anuk					
	CFW Frequency:			>8 Days/Year						
		Slopes:		<4	0%					
	FF	L Score:	5	Cat:	Light	Fuel				
	La	ndcover:		Rang	jeland -					
Fire	Prone Land	dscape Re	sults			Slope An	alysis (%)			
		Min	4.0			Min		).0		
		Average	35.1			Average	1	.4		
		Max	49.0			Max	23	3.4		
		STD	14.2			STD	1	.2		
Upper 95% CI			49.3		Upp	er 75% CI	3	3.4		
Score			5			Category	<4	10%		
	Fire Hazard Severity Rating									
		FEMA Hazard Rating System								
→ M ←										





Name of Community:	Tipa	nuk	_ Da	nte: 30-Aug-03
Landcover:	Rangeland		Number of Structur	es: 110
•	Interface Condition	_		
	dfire Hazard Rating	: Moderate Hazard	Potential Fire Hazard Severity: Moderate	te Hazard
			g highly variable concentrations of rangeland fi	
			that human caused ignitions, coupled with off	
can flame wildfires rapid	dly into the homes. F		rea is needed. Evaluator: 5	Schlosser
		Points		Points
A. Community De	sign		C. Topography	
1. Ingress / Egress			Predominant Slope	
Three or more prir		1	≤ 8%1	1
	mary roads2		> 8% ≤ 20%4	
	One Road3		> 20% ≤ 30%7	
One-way-in, oi	ne-way-out5		> 30%10	
2. Width of Primary re	nads		D. Roofing Material	
•	et or more1	1	Class A Rated1	
	eet or less3	<del></del>	Class B Rated3	3
			Class C Rated5	
3. Accessibility			Non-Rated Roofing material10	
Road grade !	5% or less1	1	•	
Road grade 5	% or more3		E. Fire Protection - Water Source	
_	% or more5		500 GPM Hydrant within 1,000'1	
			Hydrant farther than 1,000' or	
4. Secondary Road T	erminus		draft site2	
Loop roads, cul-de	-sacs with		Water Source within 20 minutes or	
outside turning radius	s of 45 feet		less, round trip5	
	or greater1		Water source farther than 20	
Cul-de-sac turnaro			minutes, but less than 45 minutes7	7
	nan 45 feet2		Water source farther than 45	
Dead-end roads		_	minutes round trip10	
	s in length3	3		
Dead-end roa	-		F. Existing Building Construction	Materials
than 20	O feet long5		Non-combustible siding/deck1	
			Non-combustible siding	_
5. Average lot size			BUT a combustable deck5	5
	es or larger1	3	Combustible siding and deck10	
≥ i acre,	< 10 acres3		G. Utilities	
	≤ 1 acre5			
6. Street Signs			All underground utilities1 One underground, one above ground3	
Signs with names an	d numbers 1	1	All above ground5	- 5
	es present2	<del></del>	7 iii above giodiiao	
_	treet Signs5		H. Fire Protection Services	
140 01	ireet eignee		Good Rural Department Coverage1	
B. Vegetation			Limited Rural Department Coverage5	
Fire Prone Landsc	ana Patina		No Rural Department Coverage10	10
	- 10 scale 1-10	5	140 Itulai Depaitment Coverage10	
·				
2. Defensible Space			Total Score For Community	51
	nore of site1			
≥ 30	0%,≤70%3		Rating Scale Moderate Haz	ard 45-65
≤ 3	30% of site5	5	High Haz	
			Extreme Haz	ard 80+